

ABSTRACT

Methylotrophic recombinant yeast strain producing human insulin precursor, the strain comprising, in its genome, a copy of a first DNA construction and a second DNA construction, wherein the constructions are capably of directing the expression and secretion of human insulin precursor of the formula B(1-30)-Y1-Y2-A(1-21), wherein Y1 is lysine or arginine; Y2 is lysine or arginine; B(1-30) is the B peptide of the human insulin; and B(1-21) is the A peptide of human insulin, and wherein the strain is yeast *Pichia Pastoris*. DNA constructions and method for obtaining the strain are also provided.

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